

FIG. 1

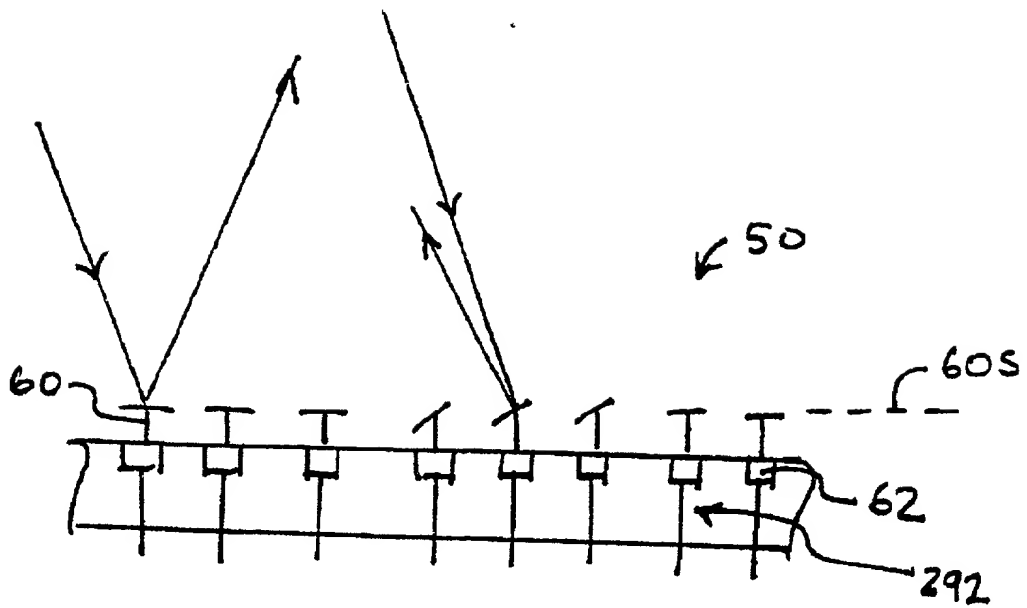
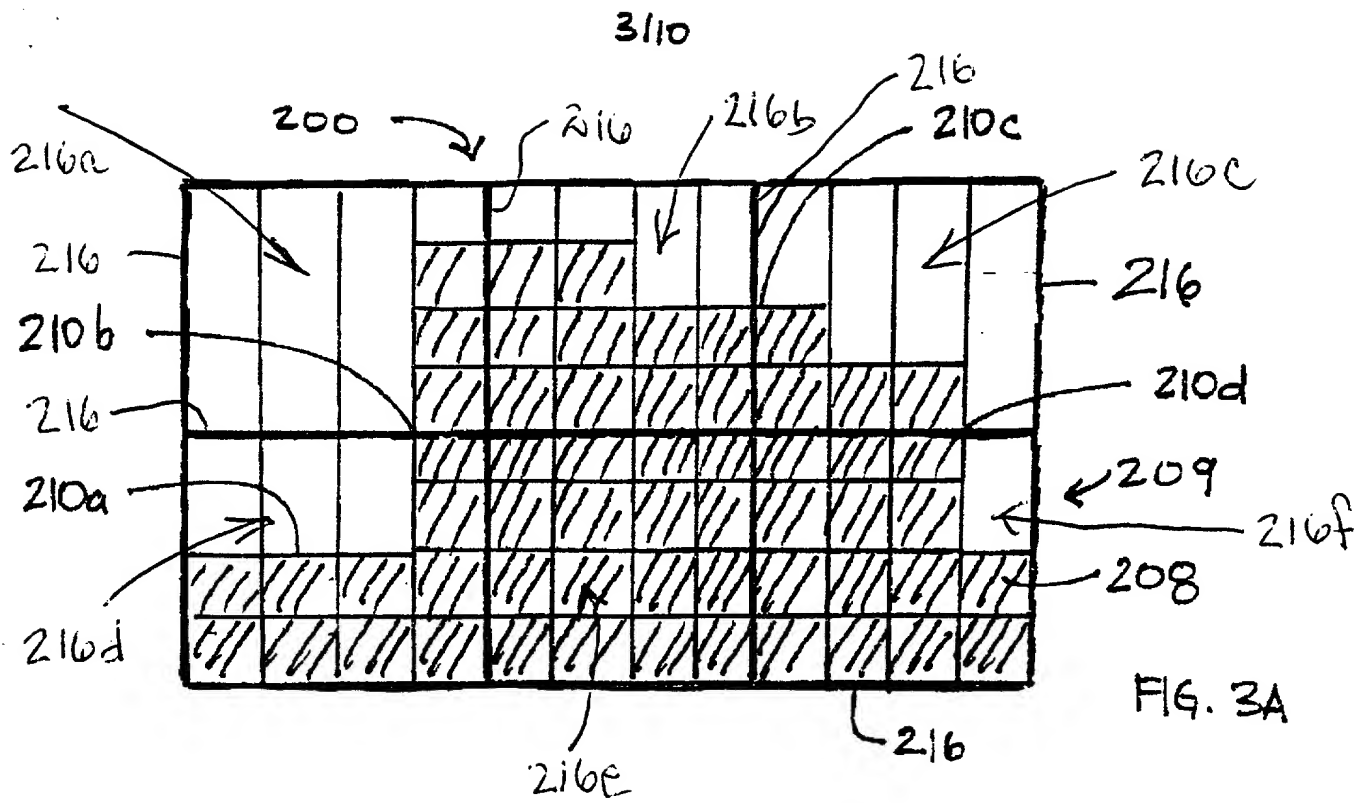
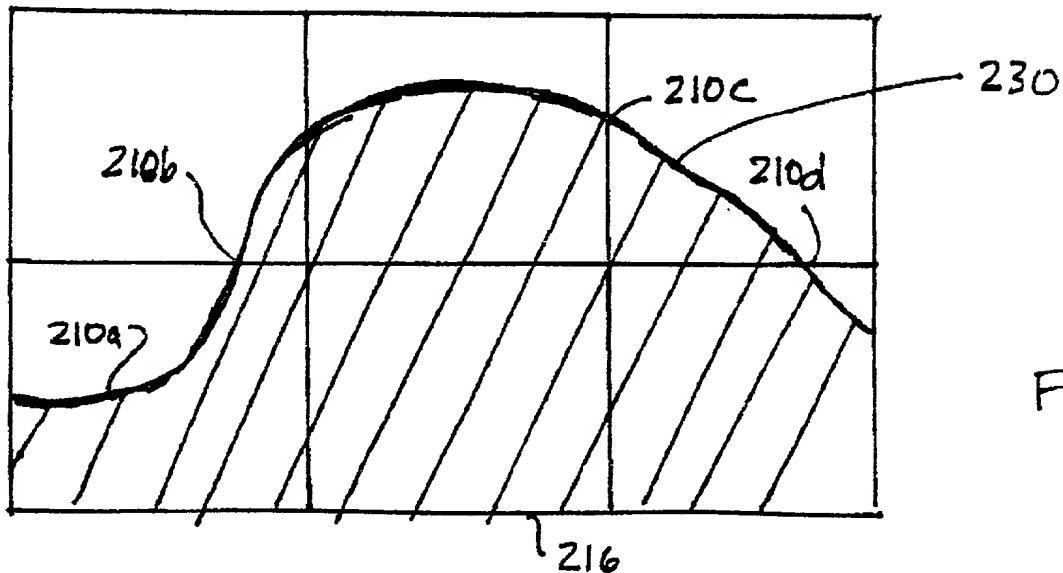


FIG. 2



<u>216a</u>	<u>216b</u>	<u>216c</u>
$\frac{3}{16} \times 31 = 6$ (2+4)	$\frac{10}{16} \times 31 = 19$ (1+2+16)	$\frac{4}{16} \times 31 = 8$ (8)
<u>216d</u>	<u>216e</u>	<u>216f</u>
$\frac{10}{16} \times 31 = 19$ (1+2+16)	$\frac{16}{16} \times 31 = 31$ (1+2+4+8+16)	$\frac{14}{16} \times 31 = 27$ (1+2+8+16)

FIG. 3B



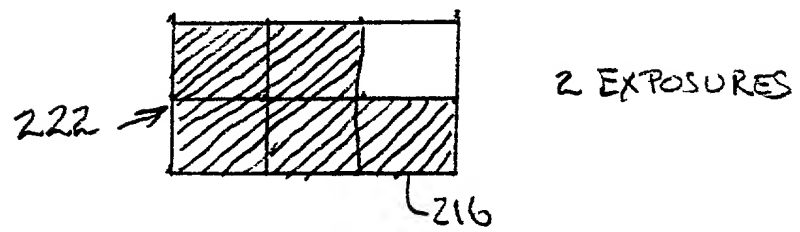
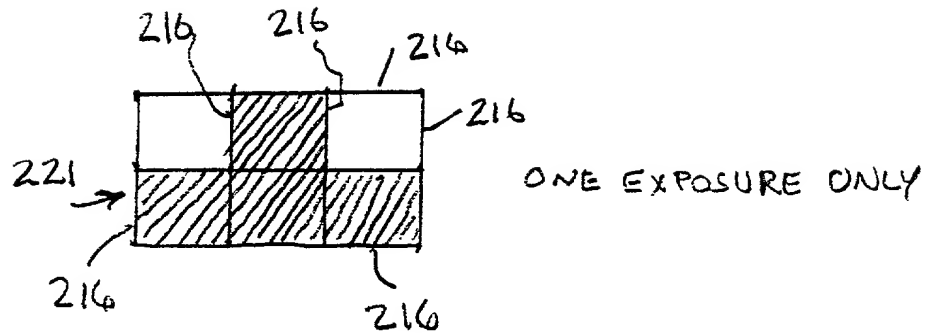
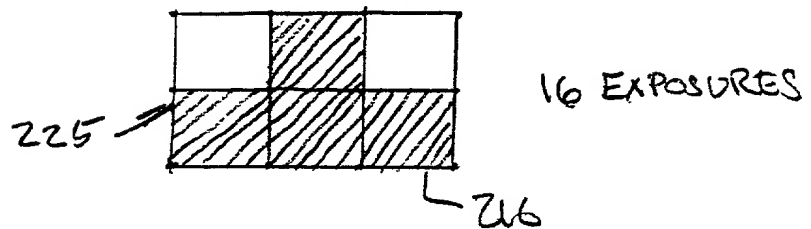
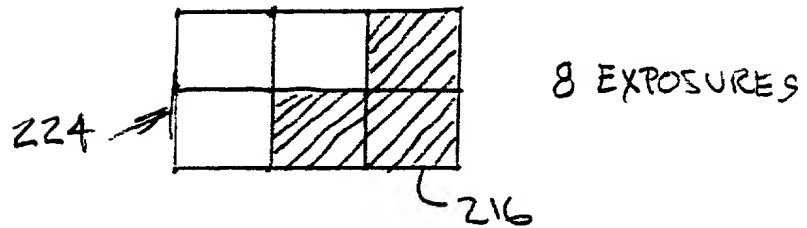
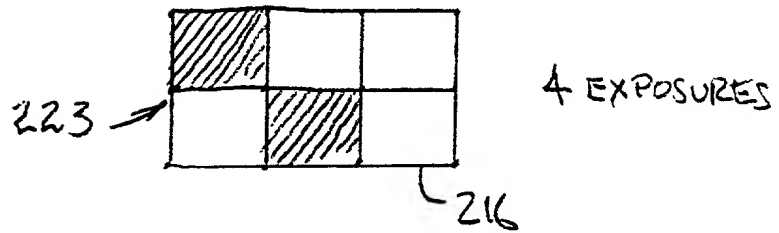
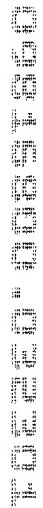


FIG. 3C



Case	Age	Sex	Occupation	Duration of illness	Onset	Course	Outcome
1	25	M	Student	10 days	Acute	Recovery	Good
2	30	F	Housewife	15 days	Subacute	Recovery	Good
3	35	M	Teacher	20 days	Chronic	Recovery	Good
4	40	F	Office worker	25 days	Chronic	Recovery	Good
5	45	M	Farmer	30 days	Chronic	Recovery	Good
6	50	F	Retiree	35 days	Chronic	Recovery	Good
7	55	M	Businessman	40 days	Chronic	Recovery	Good
8	60	F	Homemaker	45 days	Chronic	Recovery	Good
9	65	M	Retiree	50 days	Chronic	Recovery	Good
10	70	F	Homemaker	55 days	Chronic	Recovery	Good



Case	Age	Sex	Occupation	Duration of illness	Onset	Course	Outcome
1	25	M	Student	10 days	Acute	Recovery	Good
2	30	F	Housewife	15 days	Subacute	Recovery	Good
3	35	M	Teacher	20 days	Chronic	Recovery	Good
4	40	F	Office worker	25 days	Chronic	Recovery	Good
5	45	M	Farmer	30 days	Chronic	Recovery	Good
6	50	F	Retiree	35 days	Chronic	Recovery	Good
7	55	M	Businessman	40 days	Chronic	Recovery	Good
8	60	F	Homemaker	45 days	Chronic	Recovery	Good
9	65	M	Retiree	50 days	Chronic	Recovery	Good
10	70	F	Homemaker	55 days	Chronic	Recovery	Good

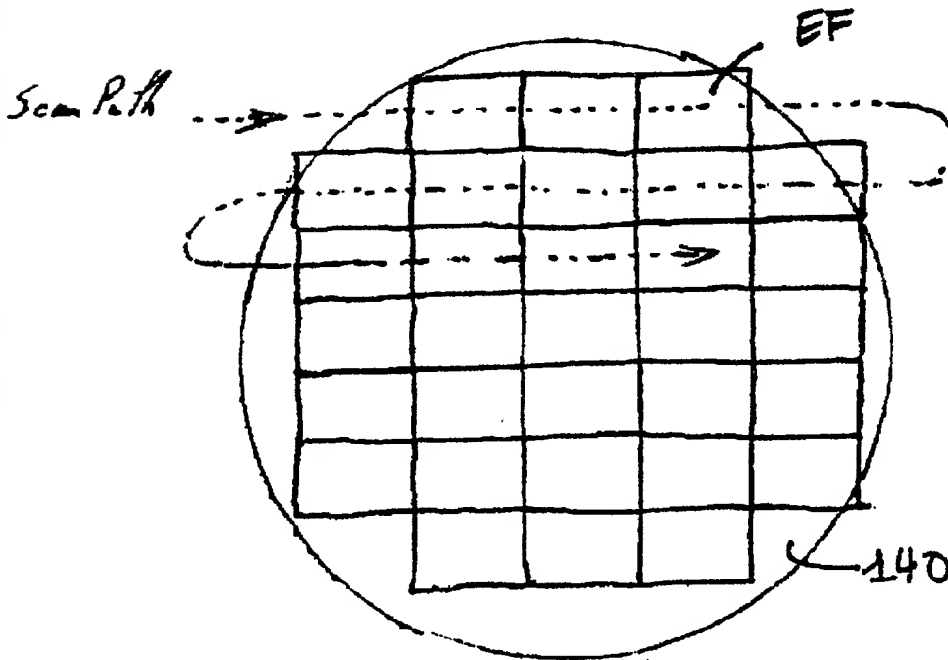
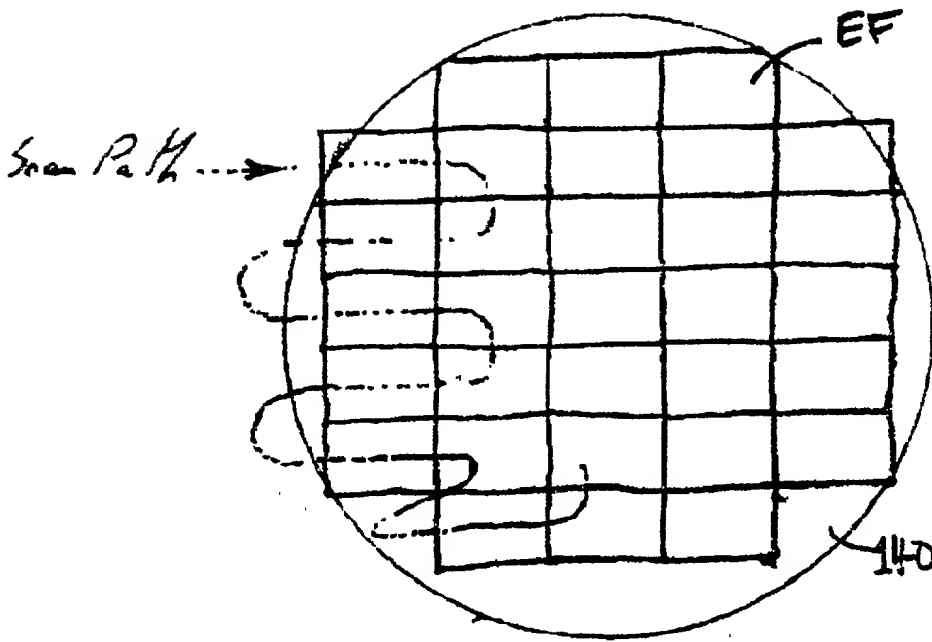


Figure 6

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Pattern Manipulation Example for a Scan and Flash System with n = 4

Memory #1	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
Memory #2	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
Memory #3	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
Memory #4	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit

Image Transducer Paterns at Times t-1 through t-16

t-1	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-2	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-3	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-4	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-5	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-6	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-7	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-8	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-9	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-10	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-11	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-12	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-13	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-14	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-15	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit
t-16	Anothe	r adva	tage o	f usin	g mult	iple e	xposur	es of	a micr	o-mirr	or arr	ay is	that l	t affo	rds th	e poss	ibilit

FIG. 7

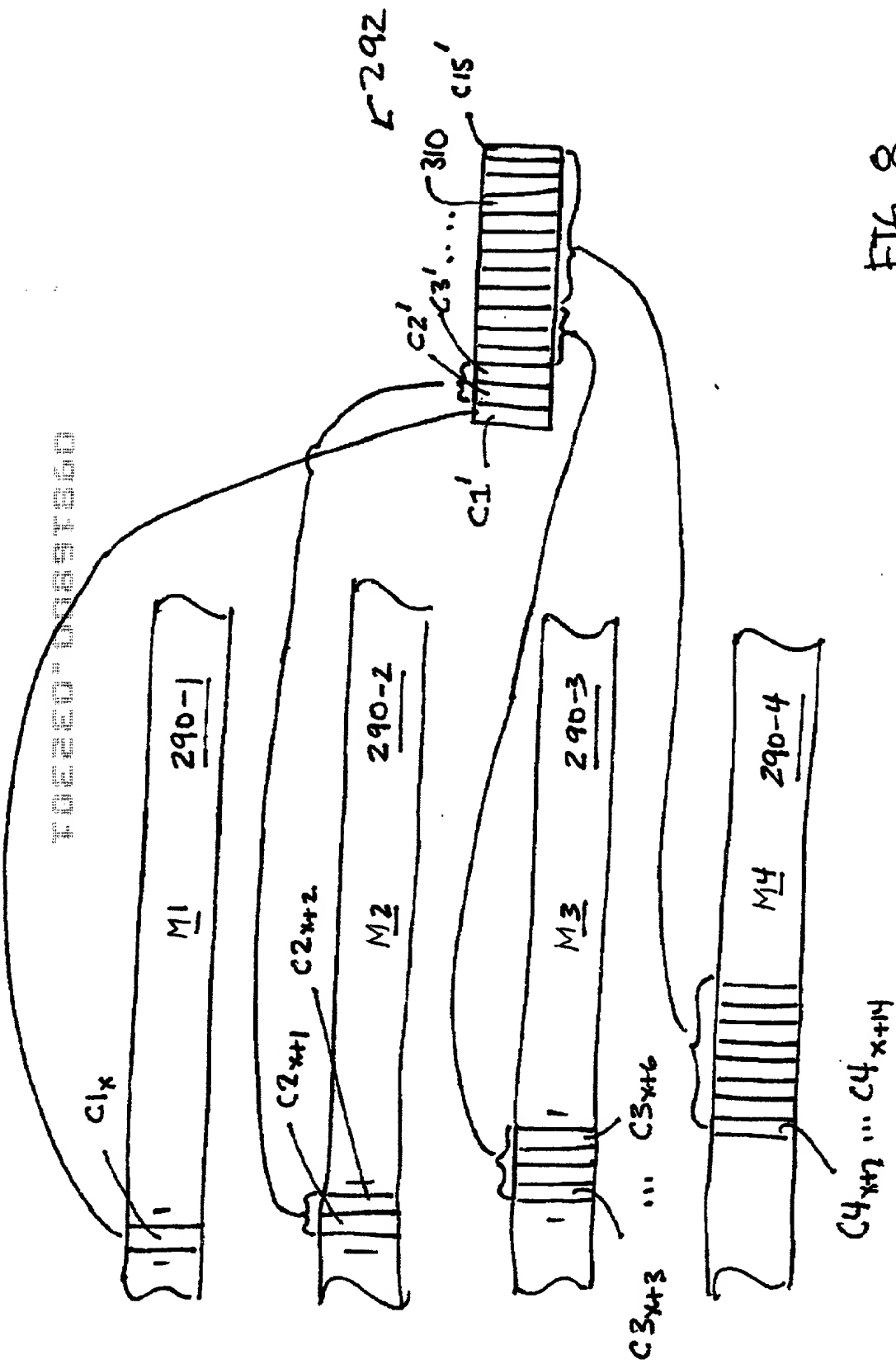


FIG. 8

